

## INFORMATION REPORT INFORMATION REPORT

## CENTRAL INTELLIGENCE AGENCY

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COUNTRY Hungary

REPORT

SUBJECT

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Lenin Metallurgical Works, Miskolc

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report concerning the Lenin Metallurgical Works, at Miskolc. The report gives information on number of employees, production and raw materials and on the activities of the following departments: the large smelting workshops and furnace, the carpenters' workshop and sample storage, the Siemens-Martin steel works, the electro-steel plant, the fine rolling mill and large forge, the foundry and the stretching workshop. The report also includes a sketch showing the layout of the works and the location of the various sections. The sketch is keyed to an accompanying legend.

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HUNGARYEconomicMiskolcThe LENIN Metallurgy Works, (November, 1956)

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1. PERSONNEL

The total number of workers is approximately 5,700, of whom 20% work in the administration buildings. The breakdown of the workers in the various mills, furnaces and workshops etc. is shown at Appendix "C" of this report.

2. PRODUCTION

Production can be divided under the following headings:

(a) LARGE SMELTING WORKSHOPS AND FURNACE.

- (i) The workers work in three shifts.
- (ii) The production consists of the raw material smelted from iron ore.
- (iii) 90% of the ore is supplied by the Soviet Union. It is of extremely poor quality since it contains a large percentage of clinker.
- (iv) The 10% which is the product of the Hungarian mines is 40% better ore. A very high price has to be paid in Hard Currency for the Russian ore, so much so that for instance the cost of producing the raw material is considerably less than the cost of the ore itself.
- (v) Coke for the power station is imported from Czechoslovakia, Poland and the U.S.S.R.
- (vi) The monthly production is between 15,000 and 20,000 tons of crude iron.

(b) CAFFENTIERS' WORKSHOP AND SAMPLE STORES

It is here that the samples and forms for the Foundry are prepared, as well as for the various factories producing war material. Waste is quite high due to the high norms required which consequently affect production.

(c) SZIMENSZ MARTIN STEEL WORKS.

- (i) Here the workers work in three shifts.
- (ii) The unit consists of 8 furnaces but even so production is kept down

/owing

owing to the extreme shortage of scrap iron in the country.

(ii) The following quality materials were manufactured :

A.34.11

A.42.11

A.50.11

A.60.11

A.70.11

A.80.11.

(d) ELECTRO STEEL PLANT

(i) The fine steels produced by this plant are almost without exception used by the 30-40 factories producing war material which exist in the country.

(ii) The various chemicals which are needed to produce these steel, i.e. MO = molibium, vanadium (?) and CO = Cobalt<sup>t</sup>, are not available in Hungary and have to be imported.

(iii) The fine steels produced are of the following quality :

CrNi,

Prennar (?)

S.100

S.70

In 200,

Stratos extra

(Russian designations : G.370, G.270, G.480, WS2, WS1, Konstantit).

(e) FINE ROLLING MILL AND LARGE FORGE.

(i) Various Martin materials are rolled here, the greater part of which is used by factories producing war material.

(ii) The materials are rolled from Ø 80 mm to Ø 15 mm.

(iii) After the quantities required by the Stretching Workshop are transferred, the rest is passed on to Delivery in the form of rolled products, who in turn send it on to various war material and armaments factories.

(iv) Railway lines are rolled here too. Most of the production is for internal use in the country, but the railway lines are exported to all communist countries.

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(e) FOUNDRY

Mostly mixed castings are made here, from 'military' castings to heavy machine casts. The casts for military purposes are the ones required for guns.

(f) STRETCHING WORKSHOP

Stretched material is produced here for the manufacture of the 37 mm projectile.

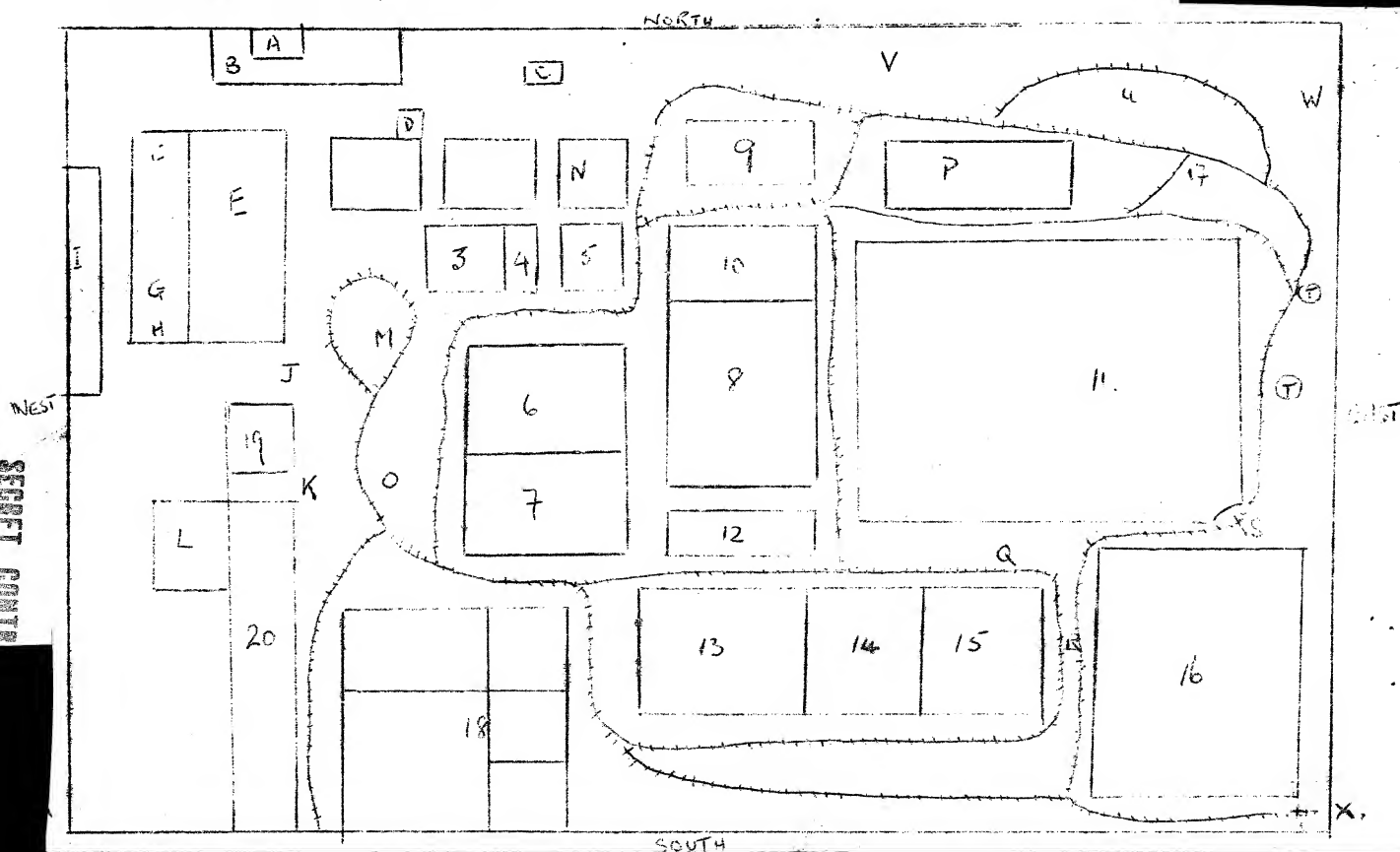
3. FACTORY LAYOUT

At appendix "A" is a plan showing the layout of the Steel works. Keys to this plan are at Appendix "B" and "C".

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LENIN STEEL WORKS, MISKOLCZ

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Appendix "B"Key to Plan of LENIN Steel Works.

- A - Children's creche
- B - Rakosi Gardens
- C - No: 4 Gate
- D - No: 1 Gate
- E - Shops for worker's families
- F - Statue of Lenin
- G - Shops for workers' families
- H - Market
- I - Workers' flats
- J - No: 2 gate
- K - Gate No: 3, vehicle entrance
- L - markets
- M - Openair plate store
- N - Testing shop and laboratory
- O - Open-air store for Fine and Large workshops
- P - Half finished office building
- Q - Open-air Martin scrap store
- R - Raw iron store
- S - Iron ore store
- T - Water towers
- U - Reject material dump
- V - Glinker dump
- W - No: 8 Gate
- X - Railway Gates No. 6 and 7 and loading platform.

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Appendix "C"Key to Plan of LAMIN Steel Works.

	<u>Department</u>	<u>Number of men employed</u>
3	Carpenters Workshop	60
4	Spherical, round bar, rods material stores	20
5	Electro Steel Works	280
6	Pine Rolling Mill	300
7	Large Forge Workshop	300
8	Crude Rolling Mill	800
9	Pine Steel Forge Workshop	100
10	Crude Rolling Mill Stores	50
11	Martin Steel Works	1000
12	Wood Sample Stores	20
13	Foundry	300
14	Casting and Cable or bar stores	130
15	Stretching Workshop	140
16	Large Smelting Furnace	900
17	Rejected Material Stores	70
18	Repair Workshops	500
19	Delivery and Managerial Dept.	120
10	Social administration	40

NB : All figures of men employed are approximate.

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